

To: Arguto, William[Arguto.William@epa.gov]; Johnson, KarenD[Johnson.KarenD@epa.gov]
From: binetti, victoria
Sent: Sat 1/11/2014 11:20:59 PM
Subject: FW: WV Spill - Drinking Water

FYI.--Vicky

-----Original Message-----

From: binetti, victoria
Sent: Saturday, January 11, 2014 5:48 PM
To: Wright, Dave; Garvin, Shawn
Cc: Hodgkiss, Kathy; Melvin, Karen; Capacasa, Jon; Early, William
Subject: RE: WV Spill - Drinking Water

Yes, we agree, it is the WVDHHR and WVAMC lead. We don't have their plan, but it will likely be based on their modeling of water movement through the distribution system (hydraulic model). Different portions of the system behave differently, affected by the number, size and physical configuration of mains and arteries, storage in tanks and towers, etc. The whole system can't be done at once; typically, segments will be done successively. To completely flush out the system, one would consider how best to get individual homes and businesses to physically get water through their premise systems. At the same time, they will want to be careful not to depressurize any segments, to avoid backflows and have sufficient water for fire fighting. Also, they will likely consider whether the chemical has any tendency to leave residual in the pipes' biofilm or scale. I've not heard that it does, but that it is one of the things to be considered.

Because there are no sampling results yet from the distribution system, and only very limited sampling at the intake and after treatment, it is difficult to say how much of the chemical (or peak concentrations) got into the system, and how far it got into the system. It could be very little, and not far, or more, and farther. So the water system needs to do enough sampling, in concert with their flushing, to get a handle on that to their satisfaction and that of WVDHHR.

We would like to see the sampling plan and flushing plan, so we can reflect on the plan and subsequent results in an informed way, and perhaps offer technical assistance (but not so that we can approve it, that is WVDHHR jurisdiction), but we don't have those plans yet.

I hope this helps. Unfortunately, there is lots of uncertainty. If you'd like a call, we can certainly do that. Let me know.--Vicky.

-----Original Message-----

From: Wright, Dave
Sent: Saturday, January 11, 2014 5:12 PM
To: Garvin, Shawn; binetti, victoria
Cc: Hodgkiss, Kathy; Melvin, Karen; Capacasa, Jon; Early, William
Subject: Re: WV Spill - Drinking Water

Shawn.....u are correct as to the State and Water Authority lead. I will defer to Vicky on the details os the water system process.

Dave Wright, Director
Office of Preparedness and Response

Sent via Blackberry - please excuse typos.

From: Garvin, Shawn
Sent: Saturday, January 11, 2014 5:01:42 PM
To: Wright, Dave; binetti, victoria

Cc: Hodgkiss, Kathy; Melvin, Karen; Capacasa, Jon; Early, William
Subject: WV Spill - Drinking Water

Dave & Vicky - The main issue seems to be coming down to the clearance of the drinking water system, how will that be done, who is involved and who has the ultimate lead, and if there is a timetable for that to happen? Can someone get me a brief summary that I can share on those questions (and any other that may be appropriate).

It is my belief that WV and the Water Authority has the lead, we will provide support, and that at this point we are not sure how long it will take. But more specific details from you would be helpful.

Let me know if a discussion would be helpful.

Thanks - Shawn

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